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OM nucleic - nucleic search, using sw model

Run on: February 26, 2002, 13:18:08 ; Search time 109 seconds  
(without alignments)  
1414.968 Million cell updates/sec

Title: US-09-602-833a-3

Perfect score: 681  
Sequence: 1 atgagaattcgcgatctgcc.....ctttagcccttaacttga 681

Scoring table: OLIGO\_NUC  
Gapop 60.0 , Gapext 60.0

Searched: 351203 seqs, 113238999 residues

Word size : 0

Total number of hits satisfying chosen parameters: 702406

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Listing first 45 summaries

Database :

Issued\_Patents\_NA:\*  
1: /cgn2\_6/prodata/2/ina/5A.COMB.seq:\*  
2: /cgn2\_6/prodata/2/ina/5B.COMB.seq:\*  
3: /cgn2\_6/prodata/2/ina/6A.COMB.seq:\*  
4: /cgn2\_6/prodata/2/ina/6B.COMB.seq:\*  
5: /cgn2\_6/prodata/2/ina/PCTUS.COMB.seq:\*  
6: /cgn2\_6/prodata/2/ina/backfills1.seq:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	19	2.8	3072	4 US-09-522-217-55	Sequence 55, Appl
2	18	2.6	2169	5 PCT-US96-05320A-264	Sequence 264, App
3	16	2.3	2524	1 US-08-317-522A-1	Sequence 1, Appl
4	16	2.3	2524	1 US-08-439-818A-1	Sequence 1, Appl
5	16	2.3	2524	2 US-08-751-965-1	Sequence 1, Appl
6	16	2.3	2524	2 US-08-738-975-1	Sequence 1, Appl
7	16	2.3	2524	2 US-08-728-626-1	Sequence 1, Appl
8	16	2.3	2524	3 US-08-808-599A-1	Sequence 1, Appl
9	16	2.3	2553	1 US-07-626-589-1	Sequence 1, Appl
10	16	2.3	2553	1 US-08-236-410-1	Sequence 1, Appl
11	16	2.3	2553	1 US-08-465-421-1	Sequence 1, Appl
12	16	2.3	3865	1 US-08-832-863-48	Sequence 48, Appl
13	16	2.3	3865	2 US-08-832-877-48	Sequence 48, Appl
14	16	2.3	4061	3 US-08-425-843-1	Sequence 1, Appl
15	16	2.3	4651	3 US-08-425-843-6	Sequence 6, Appl
16	16	2.3	9960	3 US-08-822-586-46	Sequence 46, Appl
17	15	2.2	20	4 US-09-103-875-81	Sequence 81, Appl
18	15	2.2	20	4 US-09-103-875-135	Sequence 135, Appl
19	15	2.2	27	2 US-08-117-952-503	Sequence 503, Appl
20	15	2.2	30	4 US-08-629-001A-77	Sequence 77, Appl
21	15	2.2	223	4 US-08-642-274D-156	Sequence 156, Appl
22	15	2.2	223	4 US-08-866-340-5	Sequence 5, Appl
23	15	2.2	223	4 US-09-103-875-8	Sequence 8, Appl
24	15	2.2	270	2 US-08-454-557C-45	Sequence 45, Appl
25	15	2.2	270	2 US-08-454-557C-46	Sequence 46, Appl
26	15	2.2	270	2 US-08-340-426D-45	Sequence 45, Appl
27	15	2.2	270	2 US-08-340-426D-46	Sequence 46, Appl

C 28	15	2.2	270	2	US-08-450-673C-45	Sequence 45, Appl
C 29	15	2.2	270	2	US-08-450-673C-46	Sequence 46, Appl
C 30	15	2.2	270	5	PCT-US95-17111A-45	Sequence 45, Appl
C 31	15	2.2	270	5	PCT-US95-17111A-46	Sequence 46, Appl
C 32	15	2.2	278	2	US-08-454-557C-101	Sequence 101, Appl
C 33	15	2.2	278	2	US-08-340-426D-101	Sequence 101, Appl
C 34	15	2.2	278	2	US-08-450-673C-101	Sequence 101, Appl
C 35	15	2.2	278	5	PCT-US95-17111A-101	Sequence 101, Appl
C 36	15	2.2	445	1	US-08-471-780C-102	Sequence 102, Appl
C 37	15	2.2	445	1	US-08-467-282B-102	Sequence 102, Appl
C 38	15	2.2	445	2	US-08-471-282A-102	Sequence 102, Appl
C 39	15	2.2	445	2	US-08-466-710C-102	Sequence 102, Appl
C 40	15	2.2	445	3	US-08-471-284B-102	Sequence 102, Appl
C 41	15	2.2	445	3	US-08-468-739C-102	Sequence 102, Appl
C 42	15	2.2	450	1	US-08-090-523-28	Sequence 28, Appl
C 43	15	2.2	450	1	US-08-398-627-28	Sequence 28, Appl
C 44	15	2.2	450	1	US-08-406-857-2	Sequence 2, Appl
C 45	15	2.2	450	1	US-08-596-024-4	Sequence 4, Appl

#### ALIGNMENTS

```
RESULT 1
US-09-522-217-55
; Sequence 55, Application US/09522217
; Patent No. 6307024
; GENERAL INFORMATION:
; APPLICANT: No. 6307024ak, Julia E.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHAL1 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/09/522,217
; EARLIER FILING DATE: 2000-03-09
; EARLIER APPLICATION NUMBER: US 60/123,547
; EARLIER FILING DATE: 1999-03-09
; EARLIER APPLICATION NUMBER: US 60/142,013
; EARLIER FILING DATE: 1999-03-11
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 55
; LENGTH: 3072
; TYPE: DNA
; ORGANISM: mus musculus
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (54)...(491)
; US-09-522-217-55

Query Match 2.8%; Score 19; DB 4; Length 3072;
Best Local Similarity 100.0%; Pred. No. 2.4;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 535 tgtgaagatgcaatgaa 553
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Db 1257 tgtgaagatgcaatgaa 1275

RESULT 2
PCT-US96-05320A-264/C
; Sequence 264, Application PC/TUS9605320A
; GENERAL INFORMATION:
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APPLICANT: Human Genome Sciences  
APPLICANT: 9410 Key West Avenue  
APPLICANT: Rockville, MD 20850  
APPLICANT: United States of America  
APPLICANT: Johns Hopkins University  
APPLICANT: 720 Rutland Avenue  
APPLICANT: Baltimore, MD 21205  
APPLICANT: United States of America  
APPLICANT: Mark D. Adams  
APPLICANT: Owen White  
APPLICANT: Hamilton O. Smith  
APPLICANT: J. Craig Venter  
TITLE OF INVENTION: Nucleotide Sequence of the Haemophilus Influenzae Rd Genome,  
NUMBER OF SEQUENCES: 48  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sterne, Kessler, Goldstein & Fox  
STREET: 1100 New York Avenue, Suite 600  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20003-3934  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage  
COMPUTER: HP Vectra 486/33  
OPERATING SYSTEM: MSDOS version 6.2  
SOFTWARE: ASCII text  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/05320A  
FILING DATE: April 22, 1996  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/476,102  
FILING DATE: June 7, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/487,429  
FILING DATE: June 7, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Eric K. Steffe  
REGISTRATION NUMBER: 36,688  
REFERENCE/DOCKET NUMBER: 1488.014PC01  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 371-2600  
TELEFAX: (202) 371-2540  
INFORMATION FOR SEQ ID NO: 264:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2169 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
PCT-US96-05320A-264

Query Match 2.6%; Score 18; DB 5; Length 2169;  
Best Local Similarity 100.0%; Pred. No. 7.8;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 233 caacaagtttcagtg 250  
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Db 2092 CAACAAGTTTCCAGTG 2075

RESULT 3  
US-08-317-522A-1  
Sequence 1, Application US/08317522A  
Patent No. 5599918  
GENERAL INFORMATION:  
APPLICANT: Fukuda, Michiko N.  
TITLE OF INVENTION: Trophinin and Trophinin-Assisting  
TITLE OF INVENTION: Proteins  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Campbell and Flores  
STREET: 4370 La Jolla Village Drive, Suite 700

CITY: San Diego  
STATE: California  
COUNTRY: USA  
ZIP: 92122  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/317,522A  
FILING DATE: 04-OCT-1994  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: Campbell, Cathryn A.  
REGISTRATION NUMBER: 31,815  
REFERENCE/DOCKET NUMBER: P-LA 9991  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 535-9001  
TELEFAX: (619) 535-8949  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2524 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 28..2275  
US-08-317-522A-1

Query Match 2.3%; Score 16; DB 1; Length 2524;  
Best Local Similarity 100.0%; Pred. No. 79;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 447 ttgtgtgagctccca 462  
|||||  
Db 1426 TTGTGTGAGCTCCCA 1441

RESULT 4  
US-08-439-818A-1  
Sequence 1, Application US/08439818A  
Patent No. 5654145  
GENERAL INFORMATION:  
APPLICANT: Fukuda, Michiko N.  
TITLE OF INVENTION: Trophinin and Trophinin-Assisting  
TITLE OF INVENTION: Proteins  
NUMBER OF SEQUENCES: 22  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Campbell and Flores  
STREET: 4370 La Jolla Village Drive, Suite 700  
CITY: San Diego  
STATE: California  
COUNTRY: USA  
ZIP: 92122  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/439,818A  
FILING DATE: 12-MAY-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/317,522  
FILING DATE: 04-OCT-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Campbell, Cathryn A.  
REGISTRATION NUMBER: 31,815  
REFERENCE/DOCKET NUMBER: P-LA 1563

```
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 2524 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
; FEATURE:
;   NAME/KEY: CDS
;   LOCATION: 28..2275
; US-08-439-818A-1

Query Match      2.3%; Score 16; DB 1; Length 2524;
Best Local Similarity 100.0%; Pred. No. 79;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 447 ttgtgtgagctccca 462
Db 1426 TTGTGTGAGCTCCCA 1441

RESULT 5
; US-08-751-965-1
; Sequence 1, Application US/08751965
; Patent No. 5858360
; GENERAL INFORMATION:
;   APPLICANT: Fukuda, Michiko N.
;   TITLE OF INVENTION: Trophinin and Trophinin-Assisting
;   NUMBER OF SEQUENCES: 22
;   CORRESPONDENCE ADDRESSES:
;     ADDRESSEE: Campbell and Flores
;     STREET: 4370 La Jolla Village Drive, Suite 700
;     CITY: San Diego
;     STATE: California
;     COUNTRY: USA
;     ZIP: 92122
; COMPUTER READABLE FORM:
;   MEDIUM TYPE: Floppy disk
;   COMPUTER: IBM PC compatible
;   OPERATING SYSTEM: PC-DOS/MS-DOS
;   SOFTWARE: Patentln Release #1.0, Version #1.25
;   CURRENT APPLICATION DATA:
;     APPLICATION NUMBER: US/08/751,965
;     FILING DATE: Herewith
;     CLASSIFICATION:
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER: US 08/439,818
;       FILING DATE: 12-MAY-1995
;     ATTORNEY/AGENT INFORMATION:
;       NAME: Campbell, Cathryn A.
;       REGISTRATION NUMBER: 31,815
;       REFERENCE/DOCKET NUMBER: P-LA 2252
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE: (619) 535-9001
;       TELEFAX: (619) 535-8949
;     INFORMATION FOR SEQ ID NO: 1:
;       SEQUENCE CHARACTERISTICS:
;         LENGTH: 2524 base pairs
;         TYPE: nucleic acid
;         STRANDEDNESS: single
;         TOPOLOGY: linear
;     FEATURE:
;       NAME/KEY: CDS
;       LOCATION: 28..2275
; US-08-751-965-1

Query Match      2.3%; Score 16; DB 2; Length 2524;
Best Local Similarity 100.0%; Pred. No. 79;
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Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 447 ttgtgtgagctccca 462
Db 1426 TTGTGTGAGCTCCCA 1441

RESULT 6
; US-08-738-975-1
; Sequence 1, Application US/08738975
; Patent No. 580267
; GENERAL INFORMATION:
;   APPLICANT: Fukuda, Michiko N.
;   TITLE OF INVENTION: Trophinin and Trophinin-Assisting
;   NUMBER OF SEQUENCES: 22
;   CORRESPONDENCE ADDRESSES:
;     ADDRESSEE: Campbell and Flores
;     STREET: 4370 La Jolla Village Drive, Suite 700
;     CITY: San Diego
;     STATE: California
;     COUNTRY: USA
;     ZIP: 92122
; COMPUTER READABLE FORM:
;   MEDIUM TYPE: Floppy disk
;   COMPUTER: IBM PC compatible
;   OPERATING SYSTEM: PC-DOS/MS-DOS
;   SOFTWARE: Patentln Release #1.0, Version #1.25
;   CURRENT APPLICATION DATA:
;     APPLICATION NUMBER: US/08/738,975
;     FILING DATE: herewith
;     CLASSIFICATION: 435
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER: US 08/439,818
;       FILING DATE: 05-Dec-1995
;     ATTORNEY/AGENT INFORMATION:
;       NAME: Campbell, Cathryn A.
;       REGISTRATION NUMBER: 31,815
;       REFERENCE/DOCKET NUMBER: P-LA 2251
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE: (619) 535-9001
;       TELEFAX: (619) 535-8949
;     INFORMATION FOR SEQ ID NO: 1:
;       SEQUENCE CHARACTERISTICS:
;         LENGTH: 2524 base pairs
;         TYPE: nucleic acid
;         STRANDEDNESS: single
;         TOPOLOGY: linear
;     FEATURE:
;       NAME/KEY: CDS
;       LOCATION: 28..2275
; US-08-738-975-1

Query Match      2.3%; Score 16; DB 2; Length 2524;
Best Local Similarity 100.0%; Pred. No. 79;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 447 ttgtgtgagctccca 462
Db 1426 TTGTGTGAGCTCCCA 1441

RESULT 7
; US-08-728-626-1
; Sequence 1, Application US/08728626
; Patent No. 5910451
; GENERAL INFORMATION:
;   APPLICANT: Fukuda, Michiko N.
;   TITLE OF INVENTION: Trophinin and Trophinin-Assisting
;   NUMBER OF SEQUENCES: 22
;   CORRESPONDENCE ADDRESSES:
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ADDRESSEE: Campbell and Flores  
STREET: 4370 La Jolla Village Drive, Suite 700  
CITY: San Diego  
STATE: California  
COUNTRY: USA  
ZIP: 92122  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/728,626  
FILING DATE: 04-OCT-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/439,818  
FILING DATE: 12-MAY-1995  
APPLICATION NUMBER: US 08/317,522  
FILING DATE: 04-OCT-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Campbell, Cathryn A.  
REGISTRATION NUMBER: 31,815  
REFERENCE/DOCKET NUMBER: P-LA 1563  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 535-9001  
TELEFAX: (619) 535-8949  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2524 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 28..2275  
US-08-728-626-1

Query Match 2.3%; Score 16; DB 2; Length 2524;  
Best Local Similarity 100.0%; Pred. No. 79;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 447 ttgtgtgagctccca 462  
|||||  
Db 1426 TTGTGTGAGCTCCCA 1441

RESULT 8  
US-08-808-599A-1  
Sequence 1, Application US/08808599A  
Patent No. 6111089  
GENERAL INFORMATION:  
APPLICANT: Fukuda, Michiko N.  
TITLE OF INVENTION: Trophinin, Trophinin-Assisting  
TITLE OF INVENTION: Proteins and Methods to Inhibit Implantation  
NUMBER OF SEQUENCES: 41  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Campbell & Flores LLP  
STREET: 4370 La Jolla Village Drive, Suite 700  
CITY: San Diego  
STATE: California  
COUNTRY: USA  
ZIP: 92122  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/808,599A  
FILING DATE: 28-FEB-1997  
CLASSIFICATION: 424

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/317,522  
FILING DATE: 04-OCT-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/439,818  
FILING DATE: 12-MAY-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Campbell, Cathryn A.  
REGISTRATION NUMBER: 31,815  
REFERENCE/DOCKET NUMBER: P-LA 2256  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 535-9001  
TELEFAX: (619) 535-8949  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2524 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 28..2275  
US-08-808-599A-1

Query Match 2.3%; Score 16; DB 3; Length 2524;  
Best Local Similarity 100.0%; Pred. No. 79;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 447 ttgtgtgagctccca 462  
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Db 1426 TTGTGTGAGCTCCCA 1441

RESULT 9  
US-07-626-589-1/c  
Sequence 1, Application US/07626589  
Patent No. 5294698  
GENERAL INFORMATION:  
APPLICANT: Bomlaaski, John S.  
APPLICANT: Clark, Michael A.  
APPLICANT: Short, Robert  
TITLE OF INVENTION: HUMAN PHOSPHOLIPASE ACTIVATING PROTEIN  
TITLE OF INVENTION: AND METHODS FOR DIAGNOSIS OF RHEUMATOID ARTHRITIS  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: One Liberty Place - 46th Floor  
STREET: 1650 Market Street  
CITY: Philadelphia  
STATE: PA  
COUNTRY: US  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/626,589  
FILING DATE: 19901206  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Hohenschutz, Liza D.  
REGISTRATION NUMBER: 33,712  
REFERENCE/DOCKET NUMBER: MORP-0001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2553 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single

TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 256..1230  
FEATURE:  
NAME/KEY: mat\_peptide  
LOCATION: 256..1230  
US-07-626-589-1

Query Match 2.3%; Score 16; DB 1; Length 2553;  
Best Local Similarity 100.0%; Pred. No. 79;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 32 tctcacatctccagc 47  
|||||  
Db 637 TCTCACATCTCCAGC 622

RESULT 10  
US-08-236-410-1/c  
Sequence 1, Application US/08236410  
Patent No. 5580968  
GENERAL INFORMATION:  
APPLICANT: Bomalaski, John S.  
APPLICANT: Clark, Mike A.  
TITLE OF INVENTION: HUMAN PHOSPHOLIPASE ACTIVATING PROTEIN AND  
METHODS  
TITLE OF INVENTION: FOR DIAGNOSIS OF RHEUMATOID ARTHRITIS  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 5580968aris  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 720 Kb  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Wordperfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/236,410  
FILING DATE: 02-MAY-1994  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/147,925  
FILING DATE: 04-NOV-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Dianne B. Elderkin  
REGISTRATION NUMBER: 28,598  
REFERENCE/DOCKET NUMBER: MOP-0028  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2553 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 256..1230  
FEATURE:  
NAME/KEY: mat\_peptide  
LOCATION: 256..1230  
US-08-236-410-1

Query Match 2.3%; Score 16; DB 1; Length 2553;  
Best Local Similarity 100.0%; Pred. No. 79;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 32 tctcacatctccagc 47  
|||||  
Db 637 TCTCACATCTCCAGC 622

RESULT 11  
US-08-465-421-1/c  
Sequence 1, Application US/08465421  
Patent No. 5786154  
GENERAL INFORMATION:  
APPLICANT: Bomalaski, John S.  
APPLICANT: Clark, Mike A.  
TITLE OF INVENTION: HUMAN PHOSPHOLIPASE ACTIVATING PROTEIN AND  
METHODS FOR DIAGNOSIS OF RHEUMATOID ARTHRITIS  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 5786154ris  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 720 Kb  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Wordperfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/465,421  
FILING DATE: 05-JUNE-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/236,410  
FILING DATE: 02-MAY-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Dianne B. Elderkin  
REGISTRATION NUMBER: 28,598  
REFERENCE/DOCKET NUMBER: BOMA-0002  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2553 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 256..1230  
FEATURE:  
NAME/KEY: mat\_peptide  
LOCATION: 256..1230  
US-08-465-421-1

Query Match 2.3%; Score 16; DB 1; Length 2553;  
Best Local Similarity 100.0%; Pred. No. 79;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 32 tctcacatctccagc 47  
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Db 637 TCTCACATCTCCAGC 622

RESULT 12  
US-08-832-883-48

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; Sequence 48, Application US/08832883
; Patent No. 5807681
; GENERAL INFORMATION:
; APPLICANT: Giordano, Antonio
; APPLICANT: Baldi, Alphonso
; TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS AND PROGNOSIS
; OF CANCER
; NUMBER OF SEQUENCES: 115
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEIDEL, GONDA, LAVORGNA & MONACO, P.C.
; STREET: Suite 1800 Two Penn Center Plaza
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/832,883
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Monaco, Daniel A
; REGISTRATION NUMBER: 30,480
; REFERENCE/DOCKET NUMBER: 8321-13 US1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-8383
; TELEFAX: (215) 568-5549
; INFORMATION FOR SEQ ID NO: 48:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3865 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-832-883-48

Query Match      2.3%; Score 16; DB 1; Length 3865;
Best Local Similarity 100.0%; Pred. No. 80;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 140 tagagagactgattg 155
Db 612 TAGAGAGACTGATTG 627

RESULT 13
; US-08-832-877-48
; Sequence 48, Application US/08832877
; Patent No. 5840506
; GENERAL INFORMATION:
; APPLICANT: Giordano, Antonio
; TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS AND PROGNOSIS OF
; CANCER
; NUMBER OF SEQUENCES: 116
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEIDEL, GONDA, LAVORGNA & MONACO, P.C.
; STREET: Suite 1800 Two Penn Center Plaza
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/832,877
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; FILING DATE:
; CLASSIFICATION: 436
; ATTORNEY/AGENT INFORMATION:
; NAME: Monaco, Daniel A
; REGISTRATION NUMBER: 30,480
; REFERENCE/DOCKET NUMBER: 8321-13 US2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-8383
; TELEFAX: (215) 568-5549
; INFORMATION FOR SEQ ID NO: 48:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3865 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-832-877-48

Query Match      2.3%; Score 16; DB 2; Length 3865;
Best Local Similarity 100.0%; Pred. No. 80;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 140 tagagagactgattg 155
Db 612 TAGAGAGACTGATTG 627

RESULT 14
; US-08-425-843-1/C
; Sequence 1, Application US/08425843
; Patent No. 6020154
; GENERAL INFORMATION:
; APPLICANT: Hansen, Eric J.
; APPLICANT: Cope, Leslie D.
; APPLICANT: Jarosik, Gregory P.
; APPLICANT: Hanson, Mark S.
; TITLE OF INVENTION: H. Influenzae Hxub and Hxuc Genes, Proteins
; AND Methods of Use
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210-4433
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS/ASCII
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/425,843
; FILING DATE: Concurrently Herewith
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Parker, David L.
; REGISTRATION NUMBER: 32,165
; REFERENCE/DOCKET NUMBER: AMCY:012/PPAR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (512) 418-3000
; TELEFAX: (713) 789-2679
; TELEX: 79-0924
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4061 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-425-843-1
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Query Match 2.3%: Score 16; DB 3; Length 4061;  
Best Local Similarity 100.0%: Pred. No. 80;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 233 caacaagaatttcag 248  
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Db 2209 CAAACAGTTTCCAG 2194

## RESULT 15

US-08-425-843-6/c  
; Sequence 6, Application US/08425843  
; Patent No. 6020154  
; GENERAL INFORMATION:  
; APPLICANT: Hansen, Eric J.  
; APPLICANT: Cope, Leslie D.  
; APPLICANT: Jarosik, Gregory P.  
; APPLICANT: Hanson, Mark S.  
; TITLE OF INVENTION: H. Influenzae Hxub and Hxuc Genes, Proteins  
; TITLE OF INVENTION: and Methods of Use  
; NUMBER OF SEQUENCES: 8  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Arnold, White & Durkee  
; STREET: P.O. Box 4433  
; CITY: Houston  
; STATE: Texas  
; COUNTRY: USA  
; ZIP: 77210-4433  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS/ASCII  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/425,843  
; FILING DATE: Concurrently Herewith  
; CLASSIFICATION: 514  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Parker, David L.  
; REGISTRATION NUMBER: 32,165  
; REFERENCE/DOCKET NUMBER: AMCY:012/PAR  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (512) 418-3000  
; TELEFAX: (713) 789-2679  
; TELEX: 79-0924  
; INFORMATION FOR SEQ. ID NO.: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 4651 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
; US-08-425-843-6

Query Match 2.3%: Score 16; DB 3; Length 4651;  
Best Local Similarity 100.0%: Pred. No. 80;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 233 caacaagaatttcag 248  
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Db 2794 CAAACAGTTTCCAG 2779

Search completed: February 26, 2002, 13:18:17  
Job time: 8503 sec

